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AUTHOR Maylone, Nelson John
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ABSTRACT

This book is designed to provide middle-grade mathematics teachers with ideas for enlivening instruction to help students acquire a sense about numbers. Guided classroom discussions for writing opportunities centered on the theme of problem solving are provided. Following an introduction, chapters include the following: Counterintuitive Problems; Challenges and Puzzles; Demonstrations, Games, and Activities; and Investigations. Appendices include problem-solving strategies, Multiple Intelligences Theory, and 18 ideas for middle-grade mathematics classrooms.(ASK)

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